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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/699,696	10/699,696 11/04/2003		Akio Maeda	1837.1007	5837	
21171	7590	12/28/2005		EXAM	EXAMINER	
STAAS &	HALSEY	Y LLP	KIANNI, KAVEH C			
SUITE 700 1201 NEW	YORK A	VENUE, N.W.		ART UNIT	PAPER NUMBER	
	WASHINGTON, DC 20005			2883	· · · · · · · · · · · · · · · · · · ·	
				DATE MAILED: 12/28/200:	5	

Please find below and/or attached an Office communication concerning this application or proceeding.

"						
	Application No.	Applicant(s)				
	10/699,696	MAEDA ET AL.				
Office Action Summary	Examiner	Art Unit				
	Kianni C. Kaveh	2883				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period was realiure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONEI	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 19 O	ctober 2005 and 13 December 20	<u>005</u> .				
2a) This action is FINAL . 2b) ⊠ This	This action is FINAL . 2b)⊠ This action is non-final.					
3) Since this application is in condition for allowar	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.				
Disposition of Claims						
 4) Claim(s) 1-9 is/are pending in the application. 4a) Of the above claim(s) 5-9 is/are withdrawn 5) Claim(s) is/are allowed. 6) Claim(s) 1 is/are rejected. 7) Claim(s) 2-4 is/are objected to. 8) Claim(s) are subject to restriction and/or 						
Application Papers						
9) The specification is objected to by the Examine 10) The drawing(s) filed on <u>04 November 2003</u> is/a Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	re: a) \square accepted or b) \square objected or by accepted or by abjected drawing(s) be held in abeyance. See ion is required if the drawing(s) is objected.	e 37 CFR 1.85(a). lected to. See 37 CFR 1.121(d).				
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list 	s have been received. s have been received in Application rity documents have been receive u (PCT Rule 17.2(a)).	on No ed in this National Stage				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P					
Paper No(s)/Mail Date	6) Other:					

DETAILED ACTION

In a telephone interview with applicant's attorney of the record Mr. Garner was informed, on 12/13/05, of not mentioning the election, in the paper submitted on 10/19/05, which of the species (A or B) the applicant elects to be examined; Mr. Garner later called the examiner to examine species A, claims 1-4. Thus, applicant's election without traverse of claims 1-4 in a paper submitted on 10/19/05 and the telephone affirmation of 12/14/05, is acknowledged. The requirement is still deemed proper and is therefore made FINAL.

Specification

The disclosure is objected to because of the following informalities: The word 'Si' needs to be spelled out within the specification. Appropriate correction is required.

Claim Objections

Claim 1 is objected to because of the following informalities: the limitation 'si' needs to be spelled out. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for

failing to particularly point out and distinctly claim the subject matter which applicant

regards as the invention.

Claim 1 recites the limitation 'the lower surface' in 6^{th-7th} lines. There is insufficient

antecedent basis for this limitation in the claim. Correction is required.

Claim 1 is ambiguous, since the term 'is left' in the 16th line of the claim is not clearly

defined as whether the applicant means that a portion of the photoresist is exposed or it

is etched away. Correction is required.

Allowable Subject Matter

Claims 2-4 are objected to as being dependent upon a rejected base claim, but would

be allowable if rewritten in independent form including all of the limitations of the base

claim and any intervening claims. Claims 2-4 are allowable because the prior art of

record, taken alone or in combination, fails to disclose or render obvious their respective

limitations in combination with the rest of the limitations of the base claim.

Citation of Relevant Prior Art

Prior art made of record and not relied upon is considered pertinent to applicant's

disclosure. In accordance with MPEP 707.05 the following references are pertinent in

rejection of this application since they provide substantially the same information

disclosure as this patent does. These references are:

Yoshumura et al. 20020097962

Yoshumura et al. 20020039464

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Yoshumura et al. 6706546

Foresi et al. 6108464

Lee 20040037497

US 5764832 A Tabuchi; Haruhiko

US 4750799 A Kawachi; Masao et al.

These references are cited herein to show the relevance of the apparatus/methods taught within these references as prior art.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to K. Cyrus Kianni whose telephone number is (571) 272-2417.

The examiner can normally be reached on Monday through Friday from 8:30 a.m. to 6:00 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Frank Font, can be reached at (571) 272-2415.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9306 (for formal communications intended for entry)

or:

Hand delivered responses should be brought to Crystal Plaza 4, 2021 South Clark Place, Arlington, VA., Fourth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 308-0956.

K. Cyrus Kianni Primary Patent Examiner

AU 2883

12/21/09

KAVEH KIANNI PRIMARY EXAMINER Page 4